

Set	Items	Description
S1	24651	AU= (TAYLOR R? OR TAYLOR, R?)
S2	86823	(ACTIVE OR ISOLATION) (3N) (REGION? OR SECTION? OR SEGMENT?)
S3	1504542	INSULAT?????
S4	869344	DOPE? ? OR DOPING OR DOPED OR DOPANT?
S5	84846	(FIRST OR SECOND) (3N) CONDUCT?
S6	6504597	(LENGTH OR WIDTH OR BREADTH OR SIZE)
S7	1	SALACIDE
S8	78	S2 AND S3 AND S4 AND S5 AND S6
S9	0	S8 AND S1
S10	78	RD S8 (unique items)
S11	61	S10 AND PY<=2003
S12	2648	S4(10N)S2
S13	49	S6(6N)S12
S14	47	S13 NOT S11
S15	25	RD (unique items)
S16	23	S15 AND PY<=2003

? show files

File 2:INSPEC 1969-2005/Feb W3  
(c) 2005 Institution of Electrical Engineers

File 6:NTIS 1964-2005/Feb W3  
(c) 2005 NTIS, Intl Cpyrght All Rights Res

File 8:EI Compendex(R) 1970-2005/Jan W3  
(c) 2005 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2005/Feb W4  
(c) 2005 Inst for Sci Info

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jan  
(c) 2005 The HW Wilson Co.

File 94:JICST-EPlus 1985-2005/Jan W3  
(c) 2005 Japan Science and Tech Corp(JST)

File 92:IHS Intl.Stds.& Specs. 1999/Nov  
(c) 1999 Information Handling Services

File 144:Pascal 1973-2005/Feb W3  
(c) 2005 INIST/CNRS

File 647:CMP Computer Fulltext 1988-2005/Feb W2  
(c) 2005 CMP Media, LLC

File 696:DIALOG Telecom. Newsletters 1995-2005/Mar 02  
(c) 2005 The Dialog Corp.

File 35:Dissertation Abs Online 1861-2005/Feb  
(c) 2005 ProQuest Info&Learning

File 65:Inside Conferences 1993-2005/Feb W4  
(c) 2005 BLDSC all rts. reserv.

File 103:Energy SciTec 1974-2005/Feb B1  
(c) 2005 Contains copyrighted material

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200514.  
(c) 2005 Thomson Derwent

File 347:JAPIO Nov 1976-2004/Oct(Updated 050208)  
(c) 2005 JPO & JAPIO

File 239:Mathsci 1940-2005/Mar  
(c) 2005 American Mathematical Society

File 95:TEME-Technology & Management 1989-2005/Jan W4  
(c) 2005 FIZ TECHNIK

File 25:Weldasearch-19662005/Feb  
(c) 2005 TWI Ltd

File 62:SPIN(R) 1975-2005/Nov W4  
(c) 2005 American Institute of Physics

File 96:FLUIDEX 1972-2005/Feb  
(c) 2005 Elsevier Science Ltd.

File 98:General Sci Abs/Full-Text 1984-2004/Dec  
(c) 2005 The HW Wilson Co.

File 266:FEDRIP 2005/Jan  
Comp & dist by NTIS, Intl Copyright All Rights Res

?

Set	Items	Description
S1	7147412	S SEMICONDUCTOR? OR SEMI()CONDUCTOR? OR SUBSTRATE? OR WAFER? OR IC? ? OR INTEGRATED()CIRCUIT?
S2	4049095	S RESISTOR? OR RESISTANCE?
S3	86443	S (FIRST OR SECOND? OR 2ND OR INITIAL) (2N)CONDUCT?
S4	2	S (CONTINOUS OR CONTINUAL) (2N) (DOPED OR DOPING OR DOPE OR DOPES OR DOPANT?)
S5	658693	S (FIRST OR SECOND OR THIRD OR FOURTH OR FIFTH) (3N) (REGION? OR SEGMENT? OR SECTION? OR PART????? OR SECTOR?)
S6	222993	S INSULAT?(3N)LAYER?
S7	4731748	S SPACE OR SPACING OR SPACED
S8	2037084	S EQUAL OR IDENTICAL?
S9	10716	S (DOPED OR DOPING OR DOPE OR DOPES OR DOPANT?) () (REGION? OR SEGMENT? OR SECTION? OR PART????? OR SECTOR?)
S10	896	S (CONTINUOUS OR CONTINUAL) (2N) (DOPED OR DOPING OR DOPE OR DOPES OR DOPANT?)
S11	21	S S7 AND (S3 OR S5) AND S8 AND S9
S12	21	S S11 AND S1
S13	21	RD (unique items)
S14	140	S S9 (3N) (DIMENSION OR WIDTH OR LENGTH)
S15	21	S S14 AND S1 AND S2
S16	20	S S15 NOT S13
S17	13	RD (unique items)
S18	53	S S1 AND S2 AND S10
S19	1	S S18 AND S9
S20	15949	S S6 AND (S3 OR S5)
S21	5	S S20 AND S10
S22	5	RD (unique items)
S23	43511	S S1(2N)S2
S24	0	S S23 AND S10
S25	944	S S23 AND (S3 OR S5)
S26	0	S S25 AND S14
S27	159	S S25 AND S6
S28	2	S S27 AND S7 AND S8
S29	157	S S27 NOT S28
S30	5	S S29 AND PD<=20030801

? show files

[File 2] **INSPEC** 1969-2005/Sep W4

(c) 2005 Institution of Electrical Engineers. All rights reserved.

*\*File 2: Archive data back to 1898 has been added to File 2.*

[File 6] **NTIS** 1964-2005/Sep W4

(c) 2005 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

[File 8] **Ei Compendex(R)** 1970-2005/Sep W4

(c) 2005 Elsevier Eng. Info. Inc. All rights reserved.

[File 25] **Weldasearch-19662005/Aug** (c) 2005 TWI Ltd

. All rights reserved.

[File 34] **SciSearch(R) Cited Ref Sci** 1990-2005/Sep W4

(c) 2005 Inst for Sci Info. All rights reserved.

[File 36] **MetalBase** 1965-20051003

(c) 2005 The Dialog Corporation. All rights reserved.

[File 65] **Inside Conferences** 1993-2005/Oct W1  
(c) 2005 BLDSC all rts. reserv. All rights reserved.

[File 92] **IHS Intl.Stds.& Specs.** 1999/Nov  
(c) 1999 Information Handling Services. All rights reserved.

[File 94] **JICST-EPlus** 1985-2005/Aug W1  
(c)2005 Japan Science and Tech Corp(JST). All rights reserved.

[File 95] **TEME-Technology & Management** 1989-2005/Aug W4  
(c) 2005 FIZ TECHNIK. All rights reserved.  
*\*File 95: Customers in Germany, Austria, and Switzerland should contact their local Dialog representative.*

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2005/Aug  
(c) 2005 The HW Wilson Co. All rights reserved.

[File 103] **Energy SciTec** 1974-2005/Aug B2  
(c) 2005 Contains copyrighted material. All rights reserved.  
*\*File 103: For access restrictions see Help Restrict.*

[File 104] **AeroBase** 1999-2005/Oct  
(c) 2005 Contains copyrighted material. All rights reserved.

[File 144] **Pascal** 1973-2005/Sep W4  
(c) 2005 INIST/CNRS. All rights reserved.

[File 239] **Mathsci** 1940-2005/Nov  
(c) 2005 American Mathematical Society. All rights reserved.

[File 241] **Elec. Power DB** 1972-1999Jan  
(c) 1999 Electric Power Research Inst.Inc. All rights reserved.  
*\*File 241: This file is closed (no updates)*

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec  
(c) 1998 Inst for Sci Info. All rights reserved.

[File 647] **CMP Computer Fulltext** 1988-2005/Sep W3  
(c) 2005 CMP Media, LLC. All rights reserved.

[File 315] **ChemEng & Biotec Abs** 1970-2005/Sep  
(c) 2005 DECHEMA. All rights reserved.

[File 347] **JAPIO** Nov 1976-2005/Apr(Updated 050801)  
(c) 2005 JPO & JAPIO. All rights reserved.

[File 350] **Derwent WPIX** 1963-2005/UD,UM &UP=200563  
(c) 2005 Thomson Derwent. All rights reserved.  
*\*File 350: For more current information, include File 331 in your search. Enter HELP NEWS 331 for details.*

[File 31] **World Surface Coatings Abs** 1976-2005/Sep  
(c) 2005 PRA Coat. Tech. Cen. All rights reserved.

[File 248] **PIRA** 1975-2005/Sep W3  
(c) 2005 Pira International. All rights reserved.

[File 23] **CSA Technology Research Database** 1963-2005/Sep  
(c) 2005 CSA. All rights reserved.

[File 46] **Corrosion Abstracts** 1966-2005/Sep  
(c) 2005 CSA. All rights reserved.

[File 68] **Solid State & Superconductivity Abstracts** 1966-2005/Sep  
(c) 2005 CSA. All rights reserved.

[File 60] **ANTE: Abstracts in New Tech & Engineer** 1966-2005/Sep  
(c) 2005 CSA. All rights reserved.

[File 33] **Aluminium Industry Abstracts** 1966-2005/Sep  
(c) 2005 CSA. All rights reserved.

[File 335] **Ceramic Abstracts/World Ceramics Abstracts** 1966-2005/Sep  
(c) 2005 CSA. All rights reserved.

[File 294] **ONTAP(R) SciSearch(R) Cited Ref Science**  
(c) 1991 Inst for Sci Info. All rights reserved.

[File 954] **Ei EnCompassLit(TM)** 1965-2005/Oct W1  
(c) 2005 Elsevier Eng. Info. Inc. All rights reserved.

*\*File 954: For disclaimer, type HELP NEWS 954. Alert feature enhanced for multiple files, etc. See HELP ALERT.*

[File 953] **Ei EnCompassPat(TM)** 1964-200539  
(c) 2005 Elsevier Eng. Info. Inc. All rights reserved.

*\*File 953: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.*